

Title (en)
Storage space cooler unit

Title (de)
Lagerraumkühlereinheit

Title (fr)
Unité de refroidisseur pour chambre de stockage

Publication
EP 2672207 A3 20180207 (DE)

Application
EP 13170383 A 20130604

Priority
DE 202012102092 U 20120607

Abstract (en)
[origin: EP2672207A2] The unit (1) has a cooling system comprising an evaporator (3) and a condenser (4) for producing cooling air (9). A storage area fan (5) conveys the air into a cooling area (14). A condenser fan (6) conveys external air to cool the condenser. A thermally-isolated flap (7) conducts storage area air (10) from an ambient air input (17) over the evaporator and the storage area fan to a cooling air output (18) in cooling system operating condition and conducts the external air from an external air input (19) over the storage area fan to the cooling air output in external air operating position.

IPC 8 full level
F25D 13/00 (2006.01); **F25B 39/02** (2006.01); **F25D 1/00** (2006.01); **F24F 1/02** (2011.01); **F24F 11/00** (2018.01); **F25D 17/04** (2006.01)

CPC (source: EP)
F24F 11/76 (2017.12); **F25D 1/00** (2013.01); **F25D 13/00** (2013.01); **F25D 17/045** (2013.01); **F24F 1/022** (2013.01); **F24F 2011/0006** (2013.01)

Citation (search report)

- [X] US 5709100 A 19980120 - BAER DANIEL B [US], et al
- [X] DE 102008054081 B4 20110203 - SEIFERT MTM SYSTEMS MALTA LTD [MT]
- [X] DE 1451041 A1 19690320 - STIERLEN WERKE AG

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202012102092 U1 20120704; EP 2672207 A2 20131211; EP 2672207 A3 20180207

DOCDB simple family (application)
DE 202012102092 U 20120607; EP 13170383 A 20130604